

MAR 22 2002

DECLARATION FOR PATENT APPLICATION

Docket Number: HUV-039.01

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Direct Growth of Nanotubes, and Their Use in Nanotweezers

the specification of which (check one)

- is attached hereto.
 was filed on Date September 28, 2001 as United States Application Number or PCT International Application Number 09/966,812, and was amended on Date _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
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 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
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I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below.

60/237,347	September 29, 2000
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(Application Number)

(Filing Date)

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(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

		(Status: patented, pending, abandoned)
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I hereby appoint Beth E. Arnold, Reg. No. 35,430; Isabelle Clauss, Reg. No. 47,326; Stephen B. Deutsch, Reg. No. 46,663; William D. DeVaul Reg. No. 42,483; Daniel P. Gaudet, Reg. No. 48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. 42,581; Dana Gordon, Reg. No. 44,719; Robert A. Greenberg, Reg. No. 44,133; Jennifer K. Holmes, Reg. No. 46,778; Scott E. Kamholz, Reg. No. 48,543; David A. Lane, Reg. No. 39,261; W. Hugo Liepmann, Reg. No. 20,407; Jim Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. No. 42,049; Chinh H. Pham, Reg. No. 39,329; Jeffrey M. Sears, Reg. No. 48,440; Philip C. Swain, Reg. No. 32,376; Kingsley L. Taft, Reg. No. 43,946; John Quisel, Reg. No. 47,874; Anita Varma, Reg. No. 43,221; Sharon Webb, Reg. No. 47,172; and John L. Welch, Reg. No. 28,129 as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to Dana M. Gordon at telephone number (617) 832-1000.

Address all correspondence to:

Customer Id No: 25181

Patent Group

Foley Hoag & Eliot LLP

One Post Office Square

Boston, MA. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Charles M. Lieber

Inventor's signature: Charles M. Lieber

Date: 11/10/2002

Residence: Lexington, MA

Citizenship: U.S.A.

Post Office Address: 27 Hayes Avenue, Lexington, MA 02420

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Jason H. Hafner
Inventor's signature: _____ Date: _____
Residence: Houston, TX Citizenship: U.S.A.
Post Office Address: 7500 Kirby Drive, #1520, Houston, TX 77030

Full name of third joint inventor (given name, family name): Chin Li Cheung _____
Inventor's signature: _____ Date: _____
Residence: Cambridge, MA Citizenship: China
Post Office Address: 1087 Murrieta Blvd., #141, Livermore, CA 94550

Full name of fourth joint inventor (given name, family name): Philip Kim
Inventor's signature: _____ Date: _____
Residence: Lafayette, CA Citizenship: _____
Post Office Address: 949 East Street, #202, Lafayette, CA 94549

Full name of fifth joint inventor (given name, family name): _____
Inventor's signature: _____ Date: _____
Residence: _____ Citizenship: _____
Post Office Address: _____

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MAR 2 2 2002

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Docket Number: HUV-039.01

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Priority Claimed

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(Number)	(Country)	(Day/Month/Year Filed)
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60/237,347 	September 29, 2000 
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_____ 	_____ 
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Full name of sole or first inventor (given name, family name): Charles M. Lieber

Inventor's signature: _____

Residence: Lexington, MA

Post Office Address: 27 Hayes Avenue, Lexington, MA 02420

Date: _____
Citizenship: U.S.A.

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Jason H. Hafner
Inventor's signature: Jason H. Hafner
Residence: Houston, TX
Post Office Address: 3733 Bellefontaine Street, Houston, TX 77025

Date: March 11/02
Citizenship: U.S.A.

Full name of third joint inventor (given name, family name): Chin Li Cheung
Inventor's signature: _____
Residence: Cambridge, MA
Post Office Address: 1087 Murrieta Blvd., #141, Livermore, CA 94550

Date: _____
Citizenship: China

Full name of fourth joint inventor (given name, family name): Philip Kim
Inventor's signature: _____
Residence: New York, NY
Post Office Address: 452 Riverside Drive, Apt. 22, New York, NY 10027

Date: _____
Citizenship: _____

Full name of fifth joint inventor (given name, family name): _____
Inventor's signature: _____
Residence: _____
Post Office Address: _____

Date: _____
Citizenship: _____

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MAR 22 2002

DECLARATION FOR PATENT APPLICATION

Docket Number: HUV-039.01

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60/237,347	September 29, 2000
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(Application Number) (Filing Date)

60/237,348	September 29, 2000
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(Application Number) (Filing Date)

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60/237,349	September 29, 2000	(Status: patented, pending, abandoned)
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(Application Number) (Filing Date)

60/237,350	September 29, 2000	(Status: patented, pending, abandoned)
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(Application Number) (Filing Date)

I hereby appoint Beth E. Arnold, Reg. No. 35,430; Isabelle Clauss, Reg. No. 47,326; Stephen B. Deutsch, Reg. No. 46,663; William D. DeVaul Reg. No. 42,783; Daniel P. Gaudet, Reg. No. 48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. 42,581; Dana Gordon, Reg. No. 44,719; Robert A. Greenberg, Reg. No. 44,133; Jennifer K. Holmes, Reg. No. 46,778; Scott E. Kamholz, Reg. No. 48,543; David A. Lane, Reg. No. 39,261; W. Hugo Liepmann, Reg. No. 20,407; Jim Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. No. 42,049; Chinh H. Pham, Reg. No. 39,329; Jeffrey M. Sears, Reg. No. 48,440; Philip C. Swain, Reg. No. 32,376; Kingsley L. Taft, Reg. No. 43,946; John Quisel, Reg. No. 47,874; Anita Varma, Reg. No. 43,221; Sharon Webb, Reg. No. 47,172; and John L. Welch, Reg. No. 28,129 as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Inventor's signature: _____

Date: _____

Residence: Lexington, MA

Citizenship: U.S.A.

Post Office Address: 27 Hayes Avenue, Lexington, MA 02420

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Jason H. Hafner
Inventor's signature: _____
Residence: Houston, TX
Post Office Address: 3733 Bellefontaine Street, Houston, TX 77025

Date: _____
Citizenship: U.S.A.

Full name of third joint inventor (given name, family name): Chin Li Cheung
Inventor's signature: Chin Li Cheung
Residence: Cambridge, MA
Post Office Address: 1087 Murrieta Blvd., #141, Livermore, CA 94550

Date: 2-28-20
Citizenship: China

Full name of fourth joint inventor (given name, family name): Philip Kim
Inventor's signature: _____
Residence: New York, NY
Post Office Address: 452 Riverside Drive, Apt. 22, New York, NY 10027

Date: _____
Citizenship: _____

Full name of fifth joint inventor (given name, family name): _____
Inventor's signature: _____
Residence: _____
Post Office Address: _____

Date: _____
Citizenship: _____

09060812-023202

Full name of second joint inventor (given name, family name): Jason H. Hafner
Inventor's signature: _____ Date: _____
Residence: Houston, TX Citizenship: U.S.A.
Post Office Address: 7500 Kirby Drive, #1520, Houston, TX 77030

Full name of third joint inventor (given name, family name): Chin Li Cheung
Inventor's signature: _____ Date: _____
Residence: Cambridge, MA Citizenship: China
Post Office Address: 1087 Murrieta Blvd., #141, Livermore, CA 94550

Full name of fourth joint inventor (given name, family name): Philip Kim
Inventor's signature: Philip Kim Date: 01/30/02
Residence: New York, NY Citizenship: Korea
Post Office Address: 452 Riverside Drive, Apt. 22, New York, NY 10027

Full name of fifth joint inventor (given name, family name): _____
Inventor's signature: _____ Date: _____
Residence: _____ Citizenship: _____
Post Office Address: _____

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